

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled)
2. (Previously presented) Method according to Claim 15, wherein the size of the segments (30) corresponds to the size of the object details to be displayed.
3. (Previously presented) Method according to Claim 15, wherein the two respective adjacent segments are shifted through two pixels in the vertical direction with respect to one another before they are combined.
4. (Previously presented) Method according to Claim 15, wherein the two respective adjacent segments are shifted through one pixel in the vertical direction with respect to one another before they are combined.
5. (Previously presented) Method according to Claim 15, wherein a combined picture piece is moved with respect to the previous and the next picture piece through the number of pixels through which the object is moved per picture in the horizontal direction.
6. (Previously presented) Method according to Claim 15, wherein the pixels of the pictures can assume only two values, referred to in the following text as the "on" and "off" values.

7. (Previously presented) Method according to Claim 15, wherein the following four different pixel types are provided:

if the corresponding pixels both have the value "off", then the combined pixel value is allocated the type A;

if the corresponding pixels both have the value "on", then the combined pixel value is allocated the type B;

if the pixel in the first picture segment has the value "on" and the pixel in the second of the picture segments to be combined has the value "off", then the combined pixel value is allocated the type C;

if the pixel in the first of the two picture segments to be combined has the value "off" and the pixel in the second of the two picture segments to be combined has the value "on", then the combined pixel value is allocated the type D.

8. (Previously presented) Method according to Claim 15, wherein the picture segments to be combined are combined such that they only partially overlap, and missing pixels outside the overlapping area are assigned the value "off".

9. (Canceled)

10. (Currently amended) ~~Sub-picture data units~~ The method according to Claim 9 ~~16, wherein further comprising the step of defining the sub-picture data unit is designed for use in a DVD appliance.~~

11. (Currently amended) ~~Sub-picture data unit~~ The method according to Claim 10, ~~wherein further comprising the step of defining the display control instruction sequences (SP_DCSQ) to contain the a display control instruction SET_DSPXA defined in the a DVD standard in order to shift the run-length decoding pointer.~~

12. (Currently amended) ~~Sub-picture data unit~~ The method according to Claim 10, ~~wherein each of the pixel types A, B, C, D defined in Claim 6 is assigned further comprising the step of assigning to each type of pixel, in a mathematically unique manner, one of the a pixel types (defined in the DVD Standard) selected from the group consisting of "Background Pixel", "Pattern Pixel", "Emphasis-1 Pixel" and "Emphasis-2 Pixel".~~

13. (Currently amended) ~~Sub-picture data unit~~ The method according to Claim 10, wherein further comprising the step of using a ~~the display~~ control instruction selected from the group consisting of SET_COLOR or and CHG_COLCON ~~is used~~ in a display control instruction sequence (SP_DCSQT) in order to define ~~the~~ a way in which the combined pixels of a combined picture piece are to be evaluated in associated areas.

14. (Canceled)

15 (Currently amended) A method for coding a picture sequence for horizontal motion on a display screen, said method comprising the steps of:

dividing said picture into a number of segments of equal size by means of vertical cuts;

combining pixel data of two respective adjacent segments, with a combined pixel being produced ~~in each case~~ from corresponding pixels in the segments to be combined;

assigning a unique type to said combined pixels which corresponds to the distribution of the pixel values in the pair of corresponding pixels; and,

defining a number of combined pixels in each line of said picture ~~are in each case to be~~ separately run-length coded, said defined number of combined pixels corresponding to the number of pixels through which the picture is moved per movement step in the horizontal direction.

16. (Currently amended) ~~A disk medium having recorded thereon a DVD compatible signal including coded signals representative of sub-pictures and including data for controlling the decoding and display thereof, DVD compatible signal~~ method for coding a sub-picture data unit, said method comprising the steps of:

defining a sub-picture sequence having a data area for pixel values of said sub-pictures of said sequence; and,

defining an instruction area having control instructions for display of said sub-picture sequence, said control instructions ~~sequences~~ including ~~an~~ address pointers for starting that determine where in said data area a run-length decoding is to start, wherein ~~successive pointer said~~ addresses pointers of successive ones of said control instructions are chosen such that said start run-length decoding starts at predetermined different ~~pixel values~~ addresses in the sub-picture to cause a predetermined motion and direction of the sub-picture formed within a display picture.

17. (Currently amended) ~~The disk medium of~~ method according to claim 16, ~~wherein said display includes an instruction~~ further comprising the step of defining said control instructions to additionally include an instruction defining processing of combined pixels of a combined picture piece.

18. (New) The method according to claim 16, further comprising the step of defining said control instructions to additionally include an instruction defining a way in which combined pixels of a combined picture piece are to be evaluated in associated areas.

19. (New) A machine readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

dividing a picture into a number of segments of equal size by means of vertical cuts;

combining pixel data of two respective adjacent segments, with a combined pixel being produced from corresponding pixels in the segments to be combined;

assigning a unique type to said combined pixels which corresponds to the distribution of the pixel values in the pair of corresponding pixels; and,

defining a number of combined pixels in each line of said picture to be separately run-length coded, said defined number of combined pixels corresponding to the number of pixels through which the picture is moved per movement step in the horizontal direction.

20. (New) A machine readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

defining a sub picture sequence having a data area for pixel values of said sub pictures of said sequence; and,

defining an instruction area having control instructions for display of said sub-picture sequence, said control instructions including address pointers that determine where in said data area a run-length decoding is to start, wherein said address pointers of successive ones of said control instructions are chosen such that said run-length decoding starts at predetermined different addresses in the sub-picture to cause a predetermined motion and direction of the sub-picture formed within a display picture.